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#42 Collection #42 Tracking/Designated Lineages Fastest 100 Plus Recent Designations

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This collection keeps track of recent designated lineages - daily updated

Suggested baseline (6 Dec 2023):  
JN.1\* (Nextclade)

This collection was last updated at Wed 27 Mar 2024 03:02 UTC.

Variants

World

Past 6 months

from2023-09-25to2024-03-20

**Baseline:** You can select a baseline variant to compare the variants in the collection against that variant. **Currently, the baseline variant is XBB.1.5\* (Nextclade).**

xbb.1.5\* (Nextclade)

x

v

☐ Advanced search

Select baseline

only

TABLESEQUENCES OVER TIMEMUTATIONS

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	Name	Query	Number sequences	Submitted in past 10 days	Relative growth advant... ↓	CI (low)	CI (high)	Description
★	<a href="#">KP.2.1 (JN.1.11.1.2.1; BA.2.86.1.1.11.1.2.1)</a>	C7113T & T22928C & T3565C & G22599C & !C6070T & !A24819G & !G943A & !C19895T & !A2745G & C25163A	7	2	2775.79%	-6128.63%	11680.21%	S:Q1201K
★	<a href="#">KP.2.2 (JN.1.11.1.2.2; BA.2.86.1.1.11.1.2.2)</a>	C7113T & T22928C & T3565C & G22599C & !C6070T & !A24819G & !G943A & !C19895T & !A2745G & T21737C & A25359G	5	2	739.16%	-626.55%	2104.87%	S:F59L S:K1266R
★	<a href="#">KP.3 (JN.1.11.1.2; BA.2.86.1.1.11.1.3)</a>	JN.1.11.1* (Nextclade) + S:Q493E	20	8	272.65%	132.32%	412.99%	S:Q493E
Chat								

★	<a href="#">KP.2 (JN.1.11.1.2; BA.2.86.1.1.11.1.2)</a>	C7113T & T22928C & T3565C & G22599C & IC6070T & IA24819G & IG943A & IC19895T & IA2745G	117	51	266.40%	192.51%	340.28%	S:R346T
★	<a href="#">KS.1 (JN.1.13.1.1; BA.2.86.1.1.13.1.1)</a>	JN.1.13* (Nextclade) + S:R346T, S:F59S, S:F456L	14	5	249.39%	111.17%	387.61%	S:F456L
★	<a href="#">KP.1.1 (JN.1.11.1.1.1; BA.2.86.1.1.11.1.1.1)</a>	JN.1.11.1* (Nextclade) + S:K1086R, S:R346T	53	17	242.86%	161.53%	324.20%	S:R346T
★	<a href="#">KU.2 (JN.1.30.1.2; BA.2.86.1.1.30.1.2)</a>	JN.1* (Nextclade) + G21255T, T7789C + S:R346T, S:F456L	8	6	242.75%	73.09%	412.41%	S:F456L
★	<a href="#">KU.1 (JN.1.30.1.1; BA.2.86.1.1.30.1.1)</a>	JN.1* (Nextclade) + G21255T, T7789C + S:R346T, S:K182Q	7	3	219.68%	67.49%	371.87%	S:K182Q
★	<a href="#">KP.1.1.1 (JN.1.11.1.1.1.1; BA.2.86.1.1.11.1.1.1.1)</a>	JN.1.11.1* (Nextclade) + S:K1086R, S:R346T, S:K182N	8	4	198.62%	79.28%	317.97%	S:K182N
★	<a href="#">JN.1.16.1 (BA.2.86.1.1.16.1)</a>	JN.1* (Nextclade) + G22599C, T22928C, T22916T, C1762C, T1871T, T4195T, T7789T, C26894C, C7113C, G25290G, A7708A, T18894T, T12789T, A18093A, T5120T, T18453T, C774C, C835C, G22111G, A15171A, G1156G, G9086G	53	23	195.41%	139.86%	250.96%	S:R346T
★	<a href="#">JQ.2.1 (BA.2.86.3.2.1)</a>	BA.2.86.3* (Nextclade) + G2944A + S:R346T, S:L455S	13	4	183.89%	95.53%	272.26%	S:L455S
★	<a href="#">XDD.1.1.1</a>	XDD.1.1* (Nextclade) + S:R346T	9	8	168.68%	78.24%	259.12%	S:R346T
★	<a href="#">Multilineage JN.1* with S:R346T and S:F456L</a>	JN.1* (Nextclade) + S:R346T, S:F456L	381	133	164.49%	142.77%	186.20%	S:R346T S:F456L
★	<a href="#">Multilineage BA.2.86* with S:R346T and S:F456L</a>	BA.2.86* (Nextclade) + S:R346T, S:F456L	385	133	147.52%	129.62%	165.42%	S:R346T S:F456L
★	<a href="#">Multilineage BA.2.86* including BA.2.86-derived recombinants with S:R346T and S:F456L</a>	(nextcladePangoLineage:BA.2.86*   nextcladePangoLineage:XDD*   nextcladePangoLineage:XDK*   nextcladePangoLineage:NDN*   nextcladePangoLineage:NDP*   nextcladePangoLineage:XDQ*   nextcladePangoLineage:XDR*   nextcladePangoLineage:XDS*   nextcladePangoLineage:XD*) & S:R346T & S:F456L	386	133	147.45%	129.58%	165.32%	S:R346T S:F456L
★	<a href="#">JN.1.18.2 (BA.2.86.1.1.18.2)</a>	JN.1.18* (Nextclade) + S:F59S	23	5	140.90%	95.79%	186.00%	S:F59S
★	<a href="#">KP.1 (JN.1.11.1.1; BA.2.86.1.1.11.1.1)</a>	JN.1.11* (Nextclade) + S:F456L, S:K1086R	144	51	132.33%	111.76%	152.91%	S:K1086R
★	<a href="#">KQ.1 (JN.1.4.3.1; BA.2.86.1.1.4.3.1)</a>	JN.1.4.3* (Nextclade) + S:R346T	164	26	132.10%	112.76%	151.44%	S:R346T
★	<a href="#">JN.1.23 (BA.2.86.1.1.23)</a>	(nextcladePangoLineage:JN.1 & [3- of:S:K444R, S:Y453F, ORF1a:A307V, ORF1a:P2144L])   nextcladePangoLineage:JN.1.23*	27	4	121.97%	87.40%	156.55%	S:K444R S:Y453F ORF1 NSP3:P1326L
★	<a href="#">XDK.1</a>	XDK* (Nextclade) + S:R346T	12	1	117.04%	70.55%	163.52%	S:R346T
★	<a href="#">JN.1.33 (BA.2.86.1.1.33)</a>	JN.1* (Nextclade) + G2782T, C5512T + S:A67V	104	11	114.85%	96.48%	133.21%	G2782T C5512T S:A67V
★	<a href="#">JN.1.13.1 (BA.2.86.1.1.13.1)</a>	JN.1.13* (Nextclade) + S:R346T, S:F59S	509	79	112.01%	102.03%	122.00%	S:R346T S:F59S
★	<a href="#">JN.1.7.2 (BA.2.86.1.1.7.2)</a>	JN.1.7* (Nextclade) + ORF1b:C1563F	260	50	109.44%	97.28%	121.60%	ORF1b:C1563F NSP14:C
★	<a href="#">XDQ.1</a>	XDQ* (Nextclade) + S:A475V	96	40	109.43%	91.50%	127.36%	S:A475V

★	<u>KR.1 (JN.1.1.5.1; BA.2.86.1.1.1.5.1)</u>	JN.1.1* (Nextclade) + C28498T + S:R346T, S:F456L	19	6	109.37%	75.55%	143.18%	C28498T S:F456L
★	<u>JN.1.7.1 (BA.2.86.1.1.7.1)</u>	JN.1.7* (Nextclade) + S:R346K	33	2	107.26%	80.74%	133.78%	S:R346K
★	<u>JN.1.13 (BA.2.86.1.1.13)</u>	JN.1.13* (Nextclade)	553	83	106.20%	97.26%	115.14%	S:A1087S
★	<u>XDP.1</u>	XDP* (Nextclade) + ORF1a:L397P, ORF1a:H388Y, S:E1092D	68	7	95.67%	78.79%	112.55%	ORF1a:L397P NSP2:L21 S:E1092D
★	<u>JN.1.4.4 (BA.2.86.1.1.4.4)</u>	JN.1* (Nextclade) + C774T, T3565C, G22599C, T18453T, G25445G, C23277C, T3400T, C27982C, C2395C, G533G, C6870C, G22627G, T25542T, C10078C	64	7	93.80%	76.91%	110.70%	S:R346T
★	<u>JN.1.7 (BA.2.86.1.1.7)</u>	JN.1.7* (Nextclade)	2 901	358	93.52%	89.20%	97.83%	S:T572I S:E1150D
★	<u>JN.1.30.1 (BA.2.86.1.1.30.1)</u>	JN.1* (Nextclade) + G21255T, T7789C + S:R346T	36	13	92.06%	71.64%	112.48%	T7789C S:R346T
★	<u>Sequences with Slip (S:L455S and S:F456L)</u>	S:L455S, S:F456L	1 421	342	91.82%	86.53%	97.12%	S:L455S S:F456L
★	<u>JN.1.18.1 (BA.2.86.1.1.18.1)</u>	JN.1.18* (Nextclade) + S:T250N	29	6	90.12%	67.61%	112.63%	S:T250N
★	<u>JN.1.11.1 (BA.2.86.1.1.11.1)</u>	JN.1.11.1* (Nextclade)	659	299	90.11%	83.52%	96.70%	S:F456L
★	<u>JN.1.9.1 (BA.2.86.1.1.9.1)</u>	JN.1.9.1* (Nextclade)	115	22	89.45%	77.19%	101.71%	S:T572I ORF1a:A3143V
★	<u>JN.1.40 (BA.2.86.1.1.40)</u>	JN.1* (Nextclade) + S:S31P	37	19	87.63%	68.28%	106.98%	S:S31P
★	<u>JN.1.4.3 (BA.2.86.1.1.4.3)</u>	JN.1.4.3* (Nextclade)	1 175	149	86.89%	81.80%	91.98%	S:T572I
	<u>XDQ</u>	XDQ* (Nextclade)	248	86	85.99%	77.18%	94.80%	BA.2.86.1/FL.15.1.1 reco
★	<u>KW.1 (JN.1.28.1.1; BA.2.86.1.1.28.1.1)</u>	JN.1* (Nextclade) + C24034T, A29700G, C19545T, C24370T + ORF1a:P1640L, S:T572I	136	17	85.98%	74.98%	96.99%	S:T572I
★	<u>XDS</u>	XDS* (Nextclade)	59	5	85.71%	70.15%	101.27%	EG.5.1.3/JN.3.2.1 recom
★	<u>JN.1.16 (BA.2.86.1.1.16)</u>	JN.1.16* (Nextclade)	506	84	84.70%	78.10%	91.30%	S:F456L
★	<u>JN.1.4.6 (BA.2.86.1.1.4.6)</u>	JN.1.4* (Nextclade) + T18453C + S:T572I	829	95	83.77%	78.34%	89.19%	S:T572I

★	<a href="#">JN.1.32 (BA.2.86.1.1.32)</a>	JN.1* (Nextclade) + C23277T, C280C, G488G, A496A, C683C, C745C, C774C, T997T, C1060C, T1276T, C1288C, G1408G, G1590G, C1601C, C1612C, T1651T, C1762C, C1779C, G2155G, T2236T, A2526A, G2683G, C2695C, G2782G, A2941A, A3181A, T3127T, T3214T, G3875G, A4005A, T4138T, G4294G, C4543C, T4804T, C4921C, T4922T, A5269A, T5422T, G5558G, A6705A, C6555C, A5053A, C5184C, A6613A, C6633C, C7113C, C7423C, C7594C, C7732C, C8802C, A8845A, C9131C, C9298C, C9451C, C9565C, C9693C, C10369C, C10456C, C10726C, C10747C, C11102C, C11747C, T12244T, A13288A, C13326C, A13533A, C13620C, C13663C, C13720C, T14179T, C14267C, T14334T, T14466T, T14811T, G15226G, C15720C, G16106G, G16269G, C17012C, G17278G, G17562G, C17676C, A18093A, T18453T, G18674G, C18687C, T18738T, G18960G, C19011C, G19086G, G19132G, A19314A, A19578A, G20176G, T20874T, A21589A, C21741C, T22270T, T22669T, T22926C, T23137T, C23601C, C23896C, T24424T, C24734C, G25012G, T25171T, G25249G, A25327A, A25426A, C25566C, C25680C, G25987G, G26101G, C26499C, T26511T, G27047G, C27476C, G27948G, A28104A, G28123G, C29642C, A29700A	232	39	81.83%	73.37%	90.29%	S:T572I direct on the pol
		JN.1.11* (Nextclade)	838	352	81.78%	76.50%	87.05%	G17334T S:V1104L
		JN.1* (Nextclade) + T22928C, C1762A, C11747T, C9142C, G22104G, G4720G, C25463C, C20762C, C22227C, C21654C	35	2	80.84%	62.76%	98.91%	S:F456L direct on the pol
		JN.1* (Nextclade) + C706T, A7708T + S:R346T	17	0	77.72%	53.23%	102.21%	S:R346T
		JN.1* (Nextclade) + C24034T, A29700G, C19545T, C24370T + ORF1a:P1640L	256	23	77.06%	69.55%	84.57%	C19545T C24370T ORF-
		XDP	614	65	77.05%	71.59%	82.51%	JN.1.4/FL.15 recombinar
		JN.1.18* (Nextclade)	1 580	263	74.16%	70.47%	77.86%	S:R346T direct on the po
		JN.1* (Nextclade) + T18471C + S:S680Y	61	6	73.90%	60.83%	86.97%	T18471C S:S680Y
		JN.1* (Nextclade) + C26894T, C25680T + S:M153I	62	1	73.71%	60.76%	86.67%	C26894T C25680T S:M1
		JN.1.8.1* (Nextclade)	2 499	205	72.96%	69.84%	76.09%	S:T572I
		JN.1.20* (Nextclade)	643	85	72.77%	67.85%	77.70%	S:S31F direct on the poly
		JN.1* (Nextclade) + A12928G, G22599C, C27476T	47	3	69.38%	55.56%	83.21%	S:R346T
		JN.1.4* (Nextclade) + ORF8:S103L, S:S680F	42	2	69.18%	54.89%	83.47%	S:S680F
		JN.1* (Nextclade) + C24034T, A29700G	495	35	67.76%	62.77%	72.74%	C24034T A29700G

★	<a href="#">JQ.2 (BA.2.86.3.2)</a>	BA.2.86.3* (Nextclade) + G2944A + S:R346T	20	4	67.63%	48.20%	87.05%	G2944A S:R346T
★	<a href="#">XDD.1.1</a>	XDD.1.1* (Nextclade)	179	19	64.39%	57.36%	71.42%	S:I584V
★	<a href="#">JN.1.34 (BA.2.86.1.1.34)</a>	JN.1* (Nextclade) + S:S704L	413	37	63.82%	58.82%	68.81%	S:S704L
	<a href="#">XDR</a>	XDR* (Nextclade)	491	50	63.67%	58.90%	68.44%	JD.1.1.1/JN.1.1 recombina
★	<a href="#">XDD.1</a>	XDD.1* (Nextclade)	325	37	63.44%	58.02%	68.86%	S:S704L
★	<a href="#">JN.1.36 (BA.2.86.1.1.36)</a>	JN.1* (Nextclade) + A29086T + S:Q677H	148	11	62.07%	54.65%	69.49%	A29086T S:Q677H
★	<a href="#">JN.1.8 (BA.2.86.1.1.8)</a>	JN.1.8* (Nextclade)	3 436	244	61.62%	59.37%	63.88%	ORF7a:T28I
★	<a href="#">JN.1.14 (BA.2.86.1.1.14)</a>	JN.1.14* (Nextclade)	47	2	61.27%	49.31%	73.22%	S:R346S
★	<a href="#">JN.1.4 (BA.2.86.1.1.4)</a>	JN.1.4* (Nextclade)	33 268	1 949	59.53%	58.37%	60.68%	ORF1a:T170I NSP1:T170I
★	<a href="#">XDN</a>	XDN* (Nextclade)	189	2	59.14%	52.62%	65.67%	JN.1.1/JD.1 recombinant
★	<a href="#">JN.1 (BA.2.86.1.1)</a>	JN.1* (Nextclade)	152 114	8 376	59.08%	58.28%	59.89%	S:L455S ORF1a:R3821K
★	<a href="#">JN.1.26 (BA.2.86.1.1.26)</a>	JN.1* (Nextclade) + C26894T, G22599C, A6183G, C25680C	29	0	58.94%	44.19%	73.69%	C26894T S:R346T
	<a href="#">XDT</a>	XDT* (Nextclade)	57	0	58.82%	48.00%	69.64%	BA.2.86.4/GK.1 recombina
★	<a href="#">XDK</a>	XDK* (Nextclade)	650	48	58.77%	54.92%	62.63%	JN.1.1.1/XBB recombina
★	<a href="#">JN.1.42 (BA.2.86.1.1.42)</a>	JN.1* (Nextclade) + C5581A	2 217	149	56.83%	54.41%	59.25%	C5581A
★	<a href="#">JN.2.5 (BA.2.86.1.2.5)</a>	JN.2.5* (Nextclade)	676	11	56.82%	53.12%	60.52%	S:L455S
★	<a href="#">JN.1.25 (BA.2.86.1.1.25)</a>	JN.1* (Nextclade) + C706T, A7708T	42	0	55.67%	43.77%	67.57%	C706T A7708T
★	<a href="#">JN.2.2.1 (BA.2.86.1.2.2.1)</a>	JN.2.2* (Nextclade) + S:N487D	8	2	55.45%	29.17%	81.74%	S:N487D
★	<a href="#">JN.1.4.2 (BA.2.86.1.1.4.2)</a>	JN.1.4.2* (Nextclade)	1 323	30	55.21%	52.43%	57.98%	S:N185D
★	<a href="#">JN.1.37 (BA.2.86.1.1.37)</a>	JN.1* (Nextclade) + C23601T, G248G, G644G, G670G, C774C, A1078A, G1156G, C1185C, T1333T, A1461A, G1658G, C1762C, G2144G, G2173G, G2309G, G2782G, G2900G, G3875G, G4016G, T4804T, T4885T, G4963G, C5090C, C5581C, C5822C, C5849C, C5956C, C6538C, G7273G, G7646G, A7981A, C8074C, G8548G, G8578G, C8802C, A8812A, A10471A, A10558A, C11020C, A11260A, C12754C, G12832G, C15212C, G16269G, A16320A, C16551C, G17278G, G17334G, G17395G, G17562G, T18453T, T19104T, C21774C, C21998C, G22627G, G24821G, A25327A, G25634G, G26143G, T26511T, C26882C, C27476C, T27851T, T28053T, A28104A, A29086A, C29144C, A29281A	34	2	55.21%	42.35%	68.07%	S:S680F on the polytomy

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★	<u>JN.1.41 (BA.2.86.1.1.41)</u>	JN.1* (Nextclade) + A29086T + S:S1252F	221	1	50.38%	45.19%	55.57%	A29086T S:S1252F
★	<u>JN.1.6 (BA.2.86.1.1.6)</u>	JN.1.6* (Nextclade)	1 147	57	49.43%	46.82%	52.05%	G22627A
★	<u>JN.1.6.1 (BA.2.86.1.1.6.1)</u>	JN.1.6.1* (Nextclade)	230	3	48.79%	43.83%	53.75%	S:R346T
★	<u>JN.1.3 (BA.2.86.1.1.3)</u>	JN.1.3* (Nextclade)	305	8	48.25%	43.91%	52.59%	ORF8:Q18Stop
★	<u>JN.1.4.1 (BA.2.86.1.1.4.1)</u>	JN.1.4.1* (Nextclade)	168	4	48.14%	42.49%	53.79%	S:E654V
★	<u>JN.1.31 (BA.2.86.1.1.31)</u>	JN.1* (Nextclade) + C19186T + ORF3a:V13L	1 327	55	47.75%	45.37%	50.12%	C19186T ORF3a:V13L
★	<u>JN.1.30 (BA.2.86.1.1.30)</u>	JN.1* (Nextclade) + G21255T	365	35	47.52%	43.65%	51.39%	G21255T
★	<u>BA.2.86.1</u>	BA.2.86.1* (Nextclade)	169 601	8 795	46.85%	46.25%	47.45%	C12815T ORF1a:K1973R NSP3:K
★	<u>JN.1.43 (BA.2.86.1.1.43)</u>	JN.1* (Nextclade) + A25327G	1 950	119	45.70%	43.72%	47.68%	A25327G
★	<u>BA.2.86</u>	BA.2.86* (Nextclade)	171 511	8 823	45.58%	45.00%	46.16%	Israel/Denmark Saltation
★	<u>XDD</u>	XDD* (Nextclade)	1 471	74	44.31%	42.19%	46.43%	EG.5.1.1/JN.1/EG.5.1.1 recombinant
★	<u>JN.1.5 (BA.2.86.1.1.5)</u>	JN.1.5* (Nextclade)	2 070	124	44.11%	42.22%	45.99%	ORF1b:V1271T NSP13:V348T
★	<u>JN.1.43.1 (BA.2.86.1.1.43.1)</u>	JN.1* (Nextclade) + A25327G, C19488T, C29218T	794	71	43.96%	41.30%	46.63%	C19488T C29218T
★	<u>JN.1.19 (BA.2.86.1.1.19)</u>	JN.1.19* (Nextclade)	1 312	41	42.36%	40.22%	44.50%	ORF8:I71V